

Research laboratory in Russian education system: Experience and prospects

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Abstract

The article describes the main types and nature of the research laboratories and particularities of scientific management in Russian educational institutions, training students of high schools and universities in research; it highlights the main types, organizational forms and bases of their operation and shows the main directions of improving the quality of research that involves high school and university students. The effectiveness of the laboratories (its innovative component), in the authors' opinion, must enhance, on the one hand, the development of theoretical and methodological foundations of research organization. On the other hand, there is a need to raise the overall level of research culture (cognitive, methodological and special practical training) of all participants: from managers, young and experienced scientists to schoolchildren, students and graduate students. Moreover, it is necessary to develop special programs (and introduce relevant sections into the available ones) to engage talented children and young people in research and implementation of socially significant projects. © IDOSI Publications, 2014.

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Keywords

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